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SULF2 Antibody (internal region)

Peptide-affinity purified goat antibody
Catalog # AF2897a

Specification

SULF2 Antibody (internal region) - Product Information

Application	**WB**
Primary Accession	Q8IWU5
Other Accession	NP_061325.1, NP_940998.1, 55959
Reactivity	**Human**
Host	**Goat**
Clonality	**Polyclonal**
Concentration	**0.5 mg/ml**
Isotype	**IgG**
Calculated MW	**100455**

SULF2 Antibody (internal region) - Additional Information

Gene ID 55959

Other Names
Extracellular sulfatase Sulf-2, hSulf-2, 3.1.6.-, SULF2, KIAA1247

Format
0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
SULF2 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

SULF2 Antibody (internal region) - Protein Information

Name SULF2

Synonyms KIAA1247

Function
Exhibits arylsulfatase activity and highly specific endoglucosamine-6-sulfatase activity (PubMed:12368295, PubMed:30788513, PubMed:35294879). It can remove sulfate from the C-6 position of glucosamine within specific subregions of intact heparin (PubMed:<a href="http://www.uniprot.org/citations/12368295"

target="_blank">12368295, PubMed:30788513, PubMed:35294879).

Cellular Location
Endoplasmic reticulum {ECO:0000250|UniProtKB:Q8VI60}. Golgi apparatus, Golgi stack {ECO:0000250|UniProtKB:Q8VI60}. Cell surface

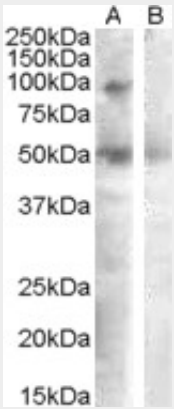
Tissue Location
Expressed at highest levels in the ovary, skeletal muscle, stomach, brain, uterus, heart, kidney and placenta

SULF2 Antibody (internal region) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

SULF2 Antibody (internal region) - Images



AF2897a (0.3 µg/ml) staining of Human Ovary lysate (35 µg protein in RIPA buffer) with (B) and without (A) blocking with the immunising peptide. Primary incubation was 1 hour. Detected by chemiluminescence.

SULF2 Antibody (internal region) - Background

This antibody is expected to recognize both reported isoforms (NP_061325.1; NP_940998.1)

SULF2 Antibody (internal region) - References

HSulf-1 and HSulf-2 are potent inhibitors of myeloma tumor growth in vivo. Dai Y, Yang Y, MacLeod V, Yue X, Rapraeger AC, Shriver Z, Venkataraman G, Sasisekharan R, Sanderson RD. J Biol Chem. 2005 Dec 2;280(48):40066-73. PMID: 16192265